

PV-MF130UE4N 130Wp
 PV-MF125UE4N 125Wp
 PV-MF120UE4N 120Wp
 PV-MF115UE4N 115Wp



Changes for the Better

F i r s t
 I n
 Q u a l i t y

High Efficiency

- Solder-free Cells
- Fine Grid Electrodes
- BSF (Back Surface Field) Structure
- Anti-Reflective Coating
- Back Film Reflected Light
- Cerium-Free/High-Transmittance Glass
- High Power Output in Actual Use

High Reliability

- Original Derating Design Concept
- Straight Tabs
- Double-Sided Independent Tabs
- Reliable Bus Bar
- Corrosion-resistant Frame
- High Tensile Strength Structure
- Solid Frame Structure
- Tempered Glass
- Triple-Layer Structure Back Film

High Safety

- Triple-Layer Structure Junction Box
- Ultra Reliable Bypass Diode
- Locking Electrical Connectors
- Conforms to IEC 61215 and TUV Safety Class II Standards

Eco-Friendly

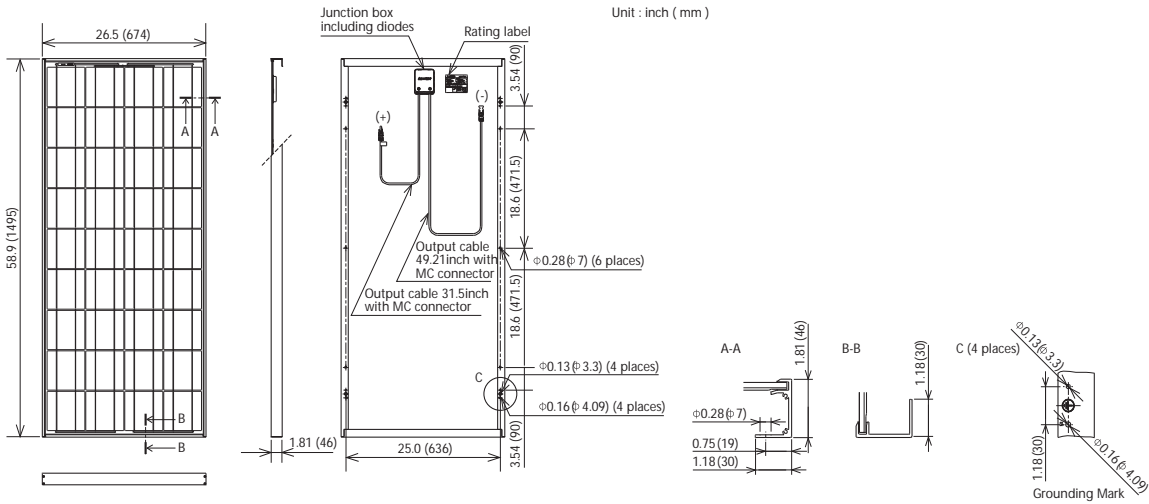
- Lead-free Solder PV Modules
- Manufactured in an ISO 14001 Certified Plant
- Recyclable Steel Pallets



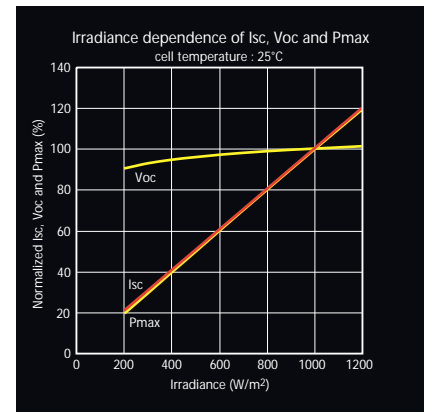
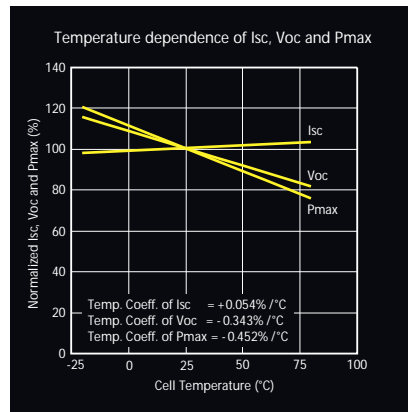
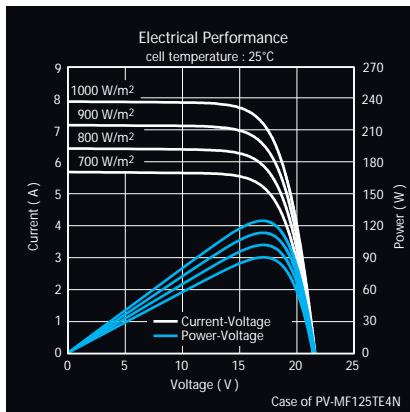
SPECIFICATIONS

Manufacturer	MITSUBISHI ELECTRIC			
Model name	PV-MF130UE4N	PV-MF125UE4N	PV-MF120UE4N	PV-MF115UE4N
Cell type	Polycrystalline Silicon, 156mm x 156mm, Solder-coatingless			
Number of cells	36 cells in a series			
Maximum power rating(Pmax)	130W	125W	120W	115W
Warranted minimum Pmax	123.5W	118.8W	114W	109.3W
Open circuit voltage (Voc)	21.9V	21.8V	21.6V	21.5V
Short circuit current (Isc)	8.05A	7.9A	7.75A	7.6A
Maximum power voltage (Vmp)	17.4V	17.3V	17.2V	17.1V
Maximum power current (Imp)	7.47A	7.23A	6.99A	6.75A
Tolerance at Pmax	Nominal value +10%, -5%			
Maximum system voltage	DC 600V			
Fuse rating	15A			
Output terminal	(+) 31.5inch (800mm) / (-) 49.21inch(1250mm) with MC connector			
Dimensions	58.9x26.5x1.81inch (1495x674x46mm)			
Weight	29.8lbs.(13.5kg)			
Module efficiency	12.9%	12.4%	11.9%	11.4%
Package Contents	2 pcs - 1 carton			
Certifications	IEC 61215, UL1703			

DRAWINGS AND DIMENSIONS



ELECTRICAL CHARACTERISTICS



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